

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Currently Amended). A battery charge indicator for sensing and indicating a near full state of charge of a lithium ion battery, the battery charge indicator comprising:

a current sensing circuit for sensing charging current to said lithium ion battery during a constant current mode of operation and a constant voltage mode of operation and providing a first charge indication signal based upon comparing the magnitude of said charging current with a first predetermined value and generating a first charge indication signal solely as a function of said charging current when said charging current is less than or equal to said first predetermined value, wherein said first predetermined value is representative of a first predetermined charge state representative of a near full an initial state of charge of said lithium ion battery; and, said current sensing circuit providing a second charge indication signal based upon comparing the magnitude of said charging current with a second predetermined value and generating a second charge indication signal solely as a function of said charging current when said charging current is less than or equal to said second predetermined value, said current sensing circuit providing a third charge indication signal based upon comparing the magnitude of said charging current with a third predetermined value and generating a third charge indication signal in said constant voltage state solely as a function of said charging current when said charging current is less than or equal to said third predetermined value, and

an a first indicator responsive to said first charge indication signal for providing an indication when said lithium ion battery is at a near full an initial state of charge;

a second indicator responsive to said second charge indication signal for providing an indication when said lithium ion battery is at a transitional state of charge; and

a third indicator responsive to said third charge indication signal for providing an indication when said lithium ion battery is at a near full state of charge.

Claim 2 (Currently Amended). The battery charge indicator as recited in claim 1, wherein said first indicator includes a first visual indication.

Claim 3 (Original). The battery charge indicator as recited in claim 2, wherein said first visual indication is a first light emitting diode (LED).

Claim 4 (Canceled).

Claim 5 (Canceled)

Claim 6 (Original). The battery charge indicator as recited in claim 5, further including a second visual indication.

Claim 7 (Canceled).

Claim 8 (Currently Amended). The battery charge indicator as recited in claim 1 6, wherein said first, second and third visual indications comprise two LEDs ~~indication is a second LED~~.

Claim 9 (Currently Amended). The battery charge indicator as recited in claim 8 7, wherein ~~sensing circuit is configured to define first, second and third charging states and~~ wherein said first LED is a red LED and said second LED is a green LED and in said first state, said red LED is illuminated and in said second state both said red and green LEDs are illuminated and in said third state, only said green LED is illuminated.